

## INTERNATIONAL SEARCH REPORT

PCT/EP2001/020572  
International Application No.  
PCT/EP 02/05722 10/1518 Z 20

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H03L7/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H03F H03L H03G H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 982 233 A (CARLSSON TORSTEN JOHN ET AL) 9 November 1999 (1999-11-09) column 4, line 37 -column 5, line 41; figure 3 column 6, line 52 -column 8, line 58; figure 6 ---	1-11
A	EP 0 998 088 A (NOKIA MOBILE PHONES LTD) 3 May 2000 (2000-05-03) column 4, line 29 -column 5, line 35; figure 2 ---	1-11
A	EP 1 052 770 A (SECURICOR WIRELESS TECHNOLOGY) 15 November 2000 (2000-11-15) *whole document* -----	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents : - - -

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Date of the actual completion of the International search

20 May 2003

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27/05/2003

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